ANISH KARKI

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SKILLS

- ***Programming Languages***: Python, Javascript, SQL
- ***Frameworks/Technologies***: FastAPI, Django, Django REST Framework, OdooERP, Git, Docker, Linux, REST API, JWT Microservices, Backend, Agile
- ***Soft-skills***: Problem Solving, Time Management, Teamwork & Collaboration, Adaptability

WORK EXPERIENCE

Backend Developer | ISTEM Labs Pvt. Ltd.   *May 2025 - Present*

- Worked on creating secure and scalable REST APIs with the help of Python and FastAPI.
- Crafted microservice back-end applications and used gRPC for communication between services, improving speed by 20%.
- Designed a real-time chat system using WebSockets.
- Managed deployment on production Linux servers using Docker containers and automated CI/CD pipelines with GitHub Actions.
- Wrote unit and integration tests using pytest to ensure code reliability and maintainability.
- Collaborated with front-end developers and other team members.

Python Odoo Developer | Vitruvian Analytica Pvt. Ltd.   *April 2024 - April 2025*

- Worked on building different modules for the MIS with the help of OdooERP, PostgreSQL, and XML resulting in automation of the internal workflow reducing manual operations by 80%.
- Created API endpoints to communicate with external as well as internal systems.
- Deployment to production Linux servers, testing, and conducting peer code reviews.
- Started as an intern but switched to full-time developer in July.

EDUCATION

BSC CSIT   *April 2021 - June 2025*

Patan Multiple Campus

- Courses included Data Structures, Algorithms, Computer Architecture, Operating Systems, and Software Engineering.

PROJECTS

- Loan predictor system using ML model, FastAPI and PostgreSQL
- System to keep track of watched movies and series using FastAPI and PostgreSQL along with JWT tokens for authentication
- Django Kafka integration project
- Library management system using Django framework and MySQL database
- To do app with Django framework

Projects can be found on my GitHub.